# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 03 Sep 2020 until 23:59 on Friday 04 Sep 2020

Forecast Issued on Wednesday 02 Sep 2020 at 15:25

**Confidence:** High confidence for rather changeable weather to end the week and into the weekend. Turning rather cool.

**Headline for Thursday 03 Sep 2020:** Cloudy and wet start with cloud covering peaks. Drier and brighter through the morning. Further rain or showers in the afternoon.

**Mountain weather hazards on Thursday 03 Sep 2020**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy Snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>High Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>High Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>Medium Likelihood | **Strong sunlight**<br>No Likelihood |

**Weather and chance of precipitation at 600m**

| Time | | | | | | | |
|---|---|---|---|---|---|---|---|
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Heavy Rain | Heavy Rain | Cloudy | Cloudy | Cloudy | Cloudy | Cloudy | Cloudy |
| Precipitation probability | | | | | | | |
| 00% | 00% | 00% | 00% | 00% | 00% | 00% | 00% |

**Forecast for Thursday 03 Sep 2020**

**Weather:** A cloudy and increasingly misty night with cloud covering peaks. Rain and drizzle affecting much of the Park and heavier outbreaks of rain are likely. Thursday starting misty and wet with strong to gale southwesterly winds and cloud covering peaks. Turning drier and brighter by late morning with some sunny spells. Chance of some afternoon showers, and these may continue into the evening period.

**Chance of cloud free mountain/hill tops above 600m:** 0% to start Thursday becoming 70% by mid to late morning and 80 to 100% for the afternoon and evening.

**Visibility:** Moderate or poor overnight and into Thursday morning and very poor across peaks. Good visibility by mid to late morning, but becoming moderate in and near any showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2020. All Rights Reserved

# Mountain Weather Forecast

**Forecast for Thursday 03 Sep 2020**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 22/31 SW | 19/28 SW | 18/25 W | 21/29 W | 23/33 W | 24/34 W | 21/32 W | 20/30 SW | 17/27 W |
| **300** | 11/26 SW | 14/28 SW | 11/26 W | 12/25 W | 15/29 W | 14/30 W | 11/26 W | 10/25 W | 9/22 W |
| **Valley** | 10/25 SW | 12/26 SW | 7/19 SW | 11/23 SW | 13/27 W | 15/30 W | 11/25 SW | 10/24 W | 8/23 W |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 13/10 | 14/11 | 11/8 | 11/7 | 11/7 | 11/7 | 11/7 | 10/7 | 10/6 |
| **300** | 15/14 | 15/13 | 13/11 | 13/11 | 14/11 | 14/12 | 13/11 | 12/11 | 12/10 |
| **Valley** | 16/15 | 16/14 | 14/14 | 15/13 | 15/13 | 16/14 | 15/13 | 14/12 | 13/12 |
| **Freezing Level*** | 3800m | 3500m | 2300m | 2200m | 2200m | 2000m | 2000m | 2000m | 1900m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Winds will be strongest across peaks and exposed ridges with gusts 45mph, possibly 50mph overnight.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 14:00 on Wed 02 Sep 2020 | 1.6mm | 1.6mm | 1.6mm |

**Forecast for Friday 04 Sep 2020**

**Weather:** Mostly cloudy in the early hours of Friday with a continuing risk of a few rain showers, these quite heavy. These should be mainly light in intensity. Winds west or southwesterly with gusts reaching around 40 mph across peaks. Little change through the day with some brighter spells, and feeling quite pleasant by afternoon in the valleys, away from showers.

**Maximum wind:** West or Southwest with gusts reaching 40 mph.

**Chance of cloud free mountain/hill tops above 600m:** 70 to 100% but overnight near any showers this will reduce to 40%.

**Visibility:** Good or very good visibility for much of the day but reducing to moderate in and near any showers.

**Temperature:** **Valleys:** Plus 8 degrees Celsius becoming plus 15 degrees Celsius.
**At 600m:** Plus 7 degrees Celsius becoming plus 11 degrees Celsius.
**Freezing level:** Well above the peaks.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2020. All Rights Reserved